

made from a material which does not disruptively influence the magnetic resonance imaging and/or appears transparent in the magnetic resonance images, for example a glass-fiber and/or aramid-fiber reinforced plastic.

A cavity of the vacuum vessel 34 substantially forms the examination volume 24, in which a region to be imaged of the patient 50 to be investigated is appropriately positioned for a magnetic resonance investigation. For this purpose, a movable supporting device 22 of the magnetic resonance apparatus, on which the patient 50 can be supported, is arranged in the second space 20. By moving the supporting device 22 appropriately, the aforementioned positioning can be carried out. The supporting device 22 is in this case configured in such a way that it withstands torsional moments caused by patients.

Although modifications and changes may be suggested by those skilled in the art, it is the intention of the inventor to embody within the patent warranted hereon all changes and modifications as reasonably and properly come within the scope of his contribution to the art.